

Tuesday, June 06, 2017 4:57:34 PM

162473

Page 1

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Item Name: Crosstube Antenna Mount 206L Aft

Start Date: 5/31/2017 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 6/5/2017 **Req'd Qty:** 1.00 *** 1 ***

Customer:

Reference:

Approvals: Process Plan: DAS Date: JUN 08 2017

Tooling:

Date:

Run Start *NR1*

QC: **9-89**

Date: _____ **SPC (Y/N):** _____

Date:

Stop *NR2*

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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Work Order ID 162473

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162473

Page 2

Item ID: D206-836-013 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Crosstube Antenna Mount 206L Aft
Start Date: 5/31/2017 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 6/5/2017 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D206-836-013								
	Location: _____								
	PPP Rev: _____								
	<i>fs 122</i>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

SMB
JUN 23 2017

17/6/21

(Signature)
JUN 23 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Monday, June 05, 2017 4:53:58 PM

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Work Order ID: 162473

162473

Parent Item: D206-836-013

D206-836-013

Parent Item Name: Crosstube Antenna Mount 206L Aft

Start Date: 5/31/2017

Required Date: 6/5/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 13.07.18 AS PER ECN13-561 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4853-7 *D4853-7* Top Bracket		Manufactured	No			110	Each	13.0000	1	1			
DAS ST519 147092 148780 Loc Qty 13 12 1 Loc Code													
1X DAS 26 9-89 DAS 28 9-89 JUN 22 2017													

D4854-7 *D4854-7* Lower Bracket		Manufactured	No			110	Each	10.0000	1	1			
DAS st526 147723 148781 Loc Qty 10 6 4 Loc Code													
1X DAS 26 9-89 DAS 28 9-89 JUN 22 2017													

D4855-1 *D4855-1* Antenna Bracket		Manufactured	No			110	Each	13.0000	1	1			
DAS st526 158506 158888 Loc Qty 13 3 10 Loc Code													
1X DAS 26 9-89 DAS 28 9-89 JUN 22 2017													

Picklist Print

Monday, June 05, 2017 4:53:58 PM

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Work Order ID: 162473

162473

Parent Item: D206-836-013

D206-836-013

Parent Item Name: Crosstube Antenna Mount 206L Aft

Start Date: 5/31/2017

Required Date: 6/5/2017

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0432J

Purchased

No

110

Each

1,180.000

8

8

NAS1149D0432J

WASHER

**

DAS
2628
9-89

JUN 22 2017

Location

Loc Qty

Loc Code

GA

24

m131026

24

ST260a

1000

m137459

1000

ST264

156

m134676

156

MS21042L4

Purchased

No

110

Each

3,041.000

4

4

MS21042L4

Nut

**

DAS
2628
9-89

JUN 22 2017

Location

Loc Qty

Loc Code

FP001

10

m133363

10

GA

51

m135058

51

OVER007

2400

m137402

400

m137544

1000

m137680

1000

ST303

580

m137371

580

DAS
27
9-89

4X

REFERENCE ONLY

DART AEROSPACE USA, INC.

GA202-2
Page 7 of 7

5. PARTS LIST

Qty -011	Qty -013	Qty -015	Qty -017	Qty -111	Part Number	Description
X					D206-836-011	CROSSTUBE ANTENNA MOUNT KIT 206A/B AND 206L FWD (P162-206)
	X				D206-836-013	CROSSTUBE ANTENNA MOUNT KIT 206L AFT (P162-206L)
		X			D407-836-015	CROSSTUBE ANTENNA MOUNT KIT 407 FWD (P162-407F)
			X		D407-836-017	CROSSTUBE ANTENNA MOUNT KIT 407 AFT (P162-407A)
				X	D206-836-111	CROSSTUBE ANTENNA MOUNT KIT UNIVERSAL (P162-U)
			1	1	D4853-1	TOP BRACKET (REPLACES P/N G13013-1)
1				1	D4853-3	TOP BRACKET (REPLACES P/N G13013-5)
		1		1	D4853-5	TOP BRACKET (REPLACES P/N G13013-7)
	1			1	D4853-7	TOP BRACKET (REPLACES P/N G13013-9)
			1	1	D4854-1	LOWER BRACKET (REPLACES P/N G13013-2)
1				1	D4854-3	LOWER BRACKET (REPLACES P/N G13013-8)
		1		1	D4854-5	LOWER BRACKET (REPLACES P/N G13013-8)
	1	1		1	D4854-7	LOWER BRACKET (REPLACES P/N G13013-10)
1	1	1	1	1	D4855-1	ANTENNA BRACKET (REPLACES P/N G13013-3)
2	2	2	2	2	D2732-030	RUBBER CUSHION (REPLACES P/N G13013-4)
2	2	2	2	2	AN4-16A	BOLT
2	2	2	2	2	AN4-11A	BOLT
8	8	8	8	8	NAS1149D0432J	WASHER
4	4	4	4	4	MS21042L4	LOCKNUT

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OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

Revision: A
Date: 13.05.15

同 姓 男 子 一 人

Reference:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr				
GA202-2	A				
100	Document Control	0.00			
100					
DC	Memo	0.00			
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels as per PPP D206-836-013 CH001				
110	Pick Kit	0.00			
110					
Packaging	Memo	0.00			
Packaging					
120	QC4- 100% Inspect kits for completeness	0.00			
120					
QC	Memo	0.00			
Quality Control					

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SR02253SE

This certificate, issued to

Dart Aerospace USA, Inc.
190 S. Danebo Ave.
Eugene, OR 97402

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part * of the * Regulations.*

Original Product—Type Certificate Number:

* See attached Federal Aviation Administration (FAA)

Make:

Approved Model List (AML) SR02253SE for a list of

Model:

approved models and applicable airworthiness regulations

Description of the Type Design Change: Fabrication of Geneva Aviation P162 Cross-Tube Antenna Mounts in accordance with Master Drawing List GA202, Revision "--," dated September 30, 2011, or later FAA-approved revision; and installation and maintenance of this assembly in accordance with the documents shown on AML SR02253SE.

This supplemental type certificate does not include approval or installation of any antenna.

Limitations and Conditions: Approval of this change in type design applies to the rotorcraft listed in AML SR02253SE only. This approval should not be extended to other rotorcraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of the other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that helicopter. A copy of this certificate, AML SR02253SE, and the appropriate Instructions for Continued Airworthiness as listed on AML SR02253SE, must be maintained as part of the permanent records of the modified rotorcraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 30, 2012

Date reissued: January 16, 2013; October 28, 2015

Date of issuance: December 21, 2012

Date amended:



By direction of the Administrator

Audra Brown
(Signature)

for Manager, Seattle Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.